

HT-03-008



January 13, 2004

To: Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

Fr: George O. Saile, Reg. No. 19,572  
28 Davis Avenue  
Poughkeepsie, N.Y. 12603

Subject: | Serial No. 10/696,431 10/29/03 |  
C.C. Han et al.  
TWO-PIECE MAGNETIC SHIELD HAVING  
IMPROVED HEAT DISSIPATION  
| \_\_\_\_\_ |

#### INFORMATION DISCLOSURE STATEMENT

Enclosed is Form PTO-1449, Information Disclosure Citation  
In An Application.

The following Patents and/or Publications are submitted to  
comply with the duty of disclosure under CFR 1.97-1.99 and  
37 CFR 1.56.

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as first class  
mail in an envelope addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450, on January 27, 2004.

Stephen B. Ackerman, Reg.# 37761

Signature/Date

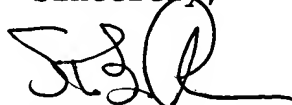
SB Ackerman 1/27/04

U.S. Patent 6,239,954 to Segar et al., "Reader for a Low-Flying Magnetoresistive Sensor," discloses a non-magnetic element over the bottom shield to detect and cancel thermal changes in the read head.

U.S. Patent 6,556,389 to Boutaghou et al., "Method for Thermally Isolating a Magnetoresistive Element from Thermal Asperities," describes a thermal barrier of zirconia over the magnetic read head element to dissipate heat.

U.S. Patent Application Publication US 2002/0081778 A1, to Inoue et al., "Thin-Film Heat Sink and Method of Manufacturing Same," discloses a AlN heat sink over a bottom shield.

Sincerely,

A handwritten signature in black ink, appearing to read 'SBA', with a large circular flourish at the end.

Stephen B. Ackerman,  
Reg. No. 37761

Form PTO-1449

Docket Number (Optional)

Application Number

HT-03-008

10/696,431

Applicant

C.C. Han et al.

Filing Date

10/29/03

Group Art Unit

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

(Use several sheets if necessary)

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Portion, Pages, Etc.)

-	US Patent Application Publication US 2002/0081778 A1, to Inoue et al., "Thin-Film Heat Sink and Method of Manufacturing Same", Pub. Date 6/27/02, US Class 438/122, Filed 11/15/01.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.